The Commonwealth of Massachusetts

STATE COLLEGE AT WORCESTER

SPRING - 1965

PROGRAM OF CONTINUING STUDIES

Beginning January 25, 1965

UNDER THE AUSPICES OF

DIVISION OF STATE COLLEGES

FACULTY

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JOSEPH P. SCANNELL, B.S., Ed.M.
JOSEPH A. SHEA, A.B., A.M., Ph.D.
RUTH V. SOMERS, A.B., A.M.
WILLIAM L. SULLIVAN, A.B., A.M., Ph.D.
G. FLINT TAYLOR, A.B., Ed.M., Ph.D.
THOMAS TODD, B.S., Ed.M.
FRANCIS G. WALETT, B.S., A.M., Ph.D.

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GENERAL INFORMATION

The courses announced in this bulletin are offered by the Division of State Colleges in cooperation with the State College at Worcester. The Division of State Colleges reserves the right to cancel any course which does not have a minimum of 20 enrollments.

Both graduate and undergraduate courses are offered: Courses carrying undergraduate credit only are numbered in the 700 series; courses carrying both graduate and undergraduate credit are numbered in the 800 series; courses carrying graduate credit only are numbered in the 900 series.

REGISTRATION

Registration should be made on January 18, 19, 20, 21, and 22 from 3 to 5 P.M. or during the first week of the Spring semester at Worcester State College.

To facilitate course selection, provisions have been made for registration in advance by mail. The registration blank found on the last page should be forwarded to the college immediately. Registration fee ($2.50 per semester) must accompany your registration form. Fees must be paid by check or money order made payable to the State College at Worcester. Cash will not be accepted. Assignment to classes which are or might be sectioned, or assignment to classes with maximum registrations, will be made in the order of completed registrations.

1. The tuition fee for residents of Massachusetts is $18.00 per semester hour of credit; for non-residents, $25.00 per semester hour of credit; and for auditors, $11.00 per semester hour.
2. LATE REGISTRATION FEE — (Required for all, including veterans, after the first class meeting) $2.00.
3. Change of Course Fee — Payable for any change of registration after the first class meeting except when a course is cancelled, $2.00.
4. All students in the Spring Semester, including veterans, must pay a $2.50 registration fee per semester when making out the course registration forms. UNDER NO CIRCUMSTANCES WILL ANY OF THE REGISTRATION FEES BE RETURNED.

VETERANS

Any resident of Massachusetts who has served in any branch of the armed service for at least 90 days, one of which must have been served between September 16, 1940, and December 31, 1946, or between June 25, 1950, and January 31, 1955, and who has a discharge other than dishonorable may enroll without charge for instruction in any course here offered within the established limitation of 120 semester hours. To establish his eligibility the veteran must present his discharge (or a photostatic copy) or certificate of satisfactory service in the case of officers, together with proof of residence, in advance of the opening date of class meeting.

CREDIT

Regulations and requirements for degree study may be obtained at the office of the Director of Continuing Studies, State College at Worcester. It is urgently recommended that the guidance and advice of the

Director be sought and faithfully followed in planning a program of study. For teachers in service, a maximum of six semester hours of credit per semester may be credited toward a degree.

The GRADUATE RECORD EXAMINATION, required for all graduate students, will be conducted at Worcester State College on Saturday, April 24, 1965. The Bulletin of Information and Application Blanks can be secured at the Director's Office, Room G-25, Gymnasium-Library Building, State College at Worcester, Mass. Registration through Educational Testing Service, Princeton, New Jersey, closes on April 9, 1965.

The degree of Master of Education is awarded at the State Colleges at Boston, Bridgewater (including Hyannis Summer Session), Fitchburg, Framingham, North Adams, Salem, Westfield, and Worcester. Graduate courses in partial fulfillment of the requirements for this degree may be offered from time to time in the other State Colleges and the Massachusetts College of Art.

The Comprehensive Examination will be conducted on Friday, April 2, 1965. Graduate students who will have completed their formal course work in the required areas by the end of May, 1965, will be eligible to take it.

Registration for the 1965 Summer Session will be conducted from May 31 through June 4, 1965, from 3 to 5 P.M. and on the first day of SS-1965. It is anticipated that the following courses will be offered during the 1965 Summer Session:

*Intensive Teacher Preparation Workshop in Elementary Education
*Intensive Teacher Preparation Workshop in Secondary Education
Philosophical Foundations of Education, Parts I and II
Psychological Foundations of Education, Parts I and II
Research and Evaluation
Guidance
Curricular Methods and Materials in Elementary Education
Curricular Methods and Materials in Secondary Education
School Administration
Special Education

It is anticipated that courses in the areas of history, geography and the social studies, biology, physical science, the creative arts, English, and the language arts will be offered.

*Candidates for either workshop should make inquiry about required credentials and interviews in March or April.

SCHEDULE OF CLASSES

NOTE: Courses carrying undergraduate credit only are numbered in the 700 series; courses carrying both undergraduate and graduate credit are numbered in the 800 series; and courses carrying graduate credit only are numbered in the 900 series. Assistance in selecting and registering in all courses is available in Room G-25 in the Gymnasium-Library Building, the W.S.C. Office of the Program of Continuing Studies. Phone: Worcester 791-1405.

ALL COURSES CARRY THREE SEMESTER HOURS OF CREDIT

LATE AFTERNOON CLASSES

No.	*Course Title*	*Instructor*	*Room No.*
MONDAYS, 4:30-7:15 P.M., BEGINNING JANUARY 25, 1965			
S814	Techniques and Production of Instructional Materials	Paul Davis	301
S829	Geography of Anglo-America (advanced-regional)	Robert F. Perry, Jr.	203
S861	Backgrounds of Modern Chemistry - The Chemical Bond Approach	Melvin Merken	105
S887	Books and Related Materials for Children (Language Arts, Part II)	Elizabeth R. Barlow	306
S900	Philosophical Foundations of Education, Part I, Sec. A	Walter Busam	208
S901	Philosophical Foundations of Education, Part II, Sec. A	Joseph W. Riordan	302
S910	Case Studies in School Adjustment Counseling	George J. O'Shea	G-26
S914	Organization and Administration of the Secondary School (School Administration III)	George Joseph	309
TUESDAYS, 4:30-7:15 P.M., BEGINNING JANUARY 26, 1965			
S835	Art for the Classroom Teacher	Mary T. Dolphin	Art Rm.
S843	Plant World and Its Evolution	Paul A. Holle	205
S849	Differential Calculus	Edmund C. Osborne	301
S902	Psychological Foundations of Education, Part I	Joseph C. Lonergan	312
S906	Research and Evaluation, Section A	William L. Sullivan	G-24
S908	Personnel-Placement Services (Guidance VI)	Joseph P. Scannell	G-23
S918	Measurement of Intelligence	Ruth V. Somers	309
WcDNESDAYS, 4:30-7:15 P.M., BEGINNING JANUARY 27, 1965			
S807	Supervision in Today's Schools, Section B	Ruth Griffiths	211
S812	Principles and Practices in Guidance (Guidance I)	Paul J. McCarron	G-23
S813	Modern Trends & Techniques in Early Childhood Education	Elizabeth A. Mahan	G-22
S832	The New Nation: The United States 1776 to 1830	Francis G. Walett	G-26
S834	The Social Sciences and Society's Problems	Francis L. Jones	204
S845	Insights into Modern Mathematics, Sequence II	Thomas Todd	203
S860	Principles of Coaching	Francis T. Dyson	G-24
S901	Philosophical Foundations of Education, Part II, Sec. B	William K. Masterson	205
THURSDAYS, 4:30-7:15 P.M., BEGINNING JANUARY 28, 1965			
S811	Industrial Arts for Special Class and Elementary School	To be announced	110
S818	The Short Story, A Study of World Emphasis	Kathryn R. O'Donnell	G-23
S846	Modern Mathematics for Elementary School Teachers	Paul F. O'Neil	309
S903	Psychological Foundations of Education, Part II, Section B	George F. Madaus	G-22
S906	Research and Evaluation, Section B	William D. Joyce	G-24
S907	Problems in Organization and Administration of Guidance (Guidance II)	G. Flint Taylor	204
S911	Educational Data Processing (School Administration VII)	James W. Dailey	312

EVENING CLASSES

No.	*Course Title*	*Instructor*	*Room No.*
TUESDAYS, 7:00-9:45 P.M., BEGINNING JANUARY 26, 1965			
S800	The Improvement of Instruction	Inst. to be announced	208
S807	Supervision in Today's Schools, Section A	Elizabeth V. Foster	211
S830	The History and Literature of Music	Thomas H. Carpenter	104
S850	Space Science for Elementary Teachers	Harold L. Chapman	110
S903	Psychological Foundations of Education, Part II, Sec. A	Joseph A. Shea	G-22
THURSDAYS, 7:00-9:45 P.M., BEGINNING JANUARY 28, 1965			
S815	Curriculum Development and Organization	Vera M. Dowden	211
S816	Literary Criticism	Paul J. Edmonds	205
S828	The Geography of the Soviet Union	Lorne N. Gould	203
S900	Philosophical Foundations of Education, Part I, Sec. B	Robert W. Goss	208

COURSE DESCRIPTIONS

S814 Techniques and Production of Instructional Materials 3 sem. hrs.
This course is designed to enrich the teacher's classroom performance by developing techniques of visual presentation of subject materials. Pictorial presentations of instructional materials through non-artistic skills will be developed. The techniques apply at all levels of instruction, but the subject matter will be related to the specific interest of each teacher. Students will be expected to provide some of the materials consumed in producing the instructional materials.
Paul Davis — Monday, 4:30-7:15 p.m. beginning January 25, 1965

S829 Geography of Anglo-America (advanced, regional) 3 sem. hrs.
The various regions of Anglo-America are studied and analyzed. Emphasis is placed on recent trends and developments in manufacturing, agriculture, commerce, and other human activities. The physical characteristics of the regions and their influences on man will also be studied. Prerequisite: a course in introductory geography or approval by the instructor.
Robert F. Perry, Jr. — Monday, 4:30-7:15 p.m. beginning January 25, 1965

S861 Backgrounds of Modern Chemistry — The Chemical Bond Approach 3 sem. hrs.
After giving the student a general view of the important advances in chemistry during the past fifty years, this course will familiarize teachers with one of the new programs, the Chemical Bond Approach, in high school chemistry. Its lectures, demonstrations, and laboratory experiments should be of value to all science teachers at all levels.
Melvin Merken — Monday, 4:30-7:15 p.m. beginning January 25, 1965

S887 Books and Related Materials for Children (Language Arts, Part II) 3 sem. hrs.
This course is designed to broaden teachers' and school librarians' acquaintance with literature suitable for elementary school children and to present effective procedures for fostering a love of good reading. Topics covered will include the classics, current fiction and non-fiction, the Newberry and Caldecott Awards, effective techniques of storytelling, interpretation of verse for children, illustrators of children's books, and sources of display materials.
Elizabeth R. Barlow — Monday, 4:30-7:15 p.m. beginning January 25, 1965

S900 Philosophical Foundations of Education, Part I, Section A 3 sem. hrs.
This course is an historical approach to the study of educational thought and includes an examination of primary educational concepts which have evolved through western thought to the present

day. Selections from the great documents in educational thought are studied in relation to the historical period in which they were produced. The student is expected to read and analyze the original contributions of the major educational philosophers.
Walter Busam — Monday, 4:30-7:15 p.m. beginning January 25, 1965

S901 Philosophical Foundations of Education, Part II, Section A 3 sem. hrs.
This course makes application of the philosophical bases of education to recurrent and contemporary educational issues and problems. Each topic is studied from the viewpoint of each of the major philosophical systems and the related educational concepts in order to determine to what extent a synthesis of viewpoint may be achieved.
Joseph W. Riordan — Monday, 4:30-7:15 p.m. beginning January 25, 1965

S910 Case Studies in School Adjustment Counseling 3 sem. hrs.
The purpose of this course is to provide the basic understandings and principles used in modern School Adjustment programs in completing case studies for study of so-called problem children. Students will secure first-hand experience in methods of analysis. Several field trips will be made during the semester.
George J. O'Shea — Monday, 4:30-7:15 p.m. beginning January 25, 1965

S914 Organization and Administration of the Secondary School (School Administration III) 3 sem. hrs.
The total responsibilities associated with school principalships will be considered in this course. Special emphasis will be placed on the problems of meeting the educational needs, the curriculum crisis and evaluation, counseling, extra class activities, articulation, the gifted and slow learners, the future of secondary education, interpreting the school program to the community, and a good philosophy for secondary schools. The course is designed to serve those interested in administrative work.
George Joseph — Monday, 4:30-7:15 p.m. beginning January 25, 1965

S835 Art for the Classroom Teacher 3 sem. hrs.
In this studio workshop students will enrich their experiences in dealing with the art materials, skills, and techniques valuable to the classroom teacher. A combination lecture, informal discussion, and activity course will provide individual and group work in such areas as basic drawing, painting, lettering, and modeling. Exhibits, reproductions, and slides will be used as enrichment material.
Mary T. Dolphin — Tuesday, 4:30-7:15 p.m. beginning January 26, 1965

S843 Plant World and Its Evolution 3 sem. hrs.

This course will include a survey of the plant kingdom, its evolution, and certain natural history and taxonomic considerations. The course and lectures will be directed towards expanding the background of those who have had a minimum of formal training in the biological sciences, and will be supplemented with appropriate demonstrations and examination of selected living and/or preserved specimens.

Paul A. Holle — Tuesday, 4:30-7:15 p.m. beginning January 26, 1965

S849 Differential Calculus 3 sem. hrs.

The course will consist of a study of infinite series, variables, functions, limits, the derivative, differentiation, applications of differentiation, higher derivatives, parametric equations, differentials, infinitesimals, law of mean, and Newton's method. All of these topics will be studied with a view to their use as aids and content background for the teaching of mathematics on the secondary level.

Prerequisites: college algebra, trigonometry, analytic geometry or their equivalent.

Edmund C. Osborne — Tuesday, 4:30-7:15 p.m. beginning January 26, 1965

S902 Psychological Foundations of Education, Part I 3 sem. hrs.

This course covers the theoretical aspects of psychology for the classroom teacher. It includes a systematic analysis of the major schools of psychology and a study of the effects of heredity and environment. Reading in the following areas will be required: results of research on growth and development, theories of intelligence, concepts in measurement and evaluation, individual differences in capacity and achievement, and learning theory.

Joseph C. Lonergan — Tuesday, 4:30-7:15 p.m. beginning January 26, 1965

S906 Research and Evaluation, Section A 3 sem. hrs.

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid teachers in the preparation and understanding of educational research reports. Points of emphasis will include the nature of research, library techniques and resources, selection and delimitation of problems, documentation, organization and format of a report, appraisal of educational literature, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term paper.

William L. Sullivan — Tuesday, 4:30-7:15 p.m. beginning January 26, 1965

S908 Personnel-Placement Services (Guidance VI) 3 sem. hrs.

This is a required course for personnel workers in the public schools. This course will introduce occupational, educational, and personnel career studies for appraisal and evaluation; statistical

analysis of job needs and opportunities; use and function of school and out-of-school agencies including group and individual interviewing techniques; local, state, and federal job studies and opportunities; clinical procedures; a full review of the most important aspects of personnel work on the elementary, secondary, and college levels. Setting up and appraising personnel programs on all levels will be stressed and studied.

Joseph P. Scannell — Tuesday, 4:30-7:15 p.m. beginning January 26, 1965

S918 Measurement of Intelligence — 3 sem. hrs.

This course will be concerned with a study of the origins and uses of intelligence tests. Specific emphasis will be given the 1960 revision of the Stanford-Binet test. Attention will be centered on administering, scoring, and interpreting the Stanford-Binet test. This course may be used to meet the requirements for a Binet Certificate.

Prerequisite: A basic course in tests and measurements.

Ruth V. Somers — Tuesday, 4:30-7:15 p.m. beginning January 26, 1965

S807 Supervision in Today's Schools, Section B — 3 sem. hrs.

This course is designed as an introductory course in supervision for teachers, school administrators, and supervisors at both the elementary and secondary school levels. Significant topics included in the course are: concepts of supervision; principles of supervision, organization for supervision; group process; techniques of supervision; and the evaluation and improvement of instruction, curriculum, and the supervisory program. Opportunity will be provided for concentrated study and application of the materials of the course to elementary, secondary, or special subject work.

Note: This course, or its equivalent, is prerequisite for all advanced courses in supervision.

Ruth Griffiths — Wednesday, 4:30-7:15 p.m. beginning January 27, 1965

S812 Principles and Practices in Guidance (Guidance I) — 3 sem. hrs.

This is an introductory course designed to provide the student with an understanding of the need, meaning, and scope of guidance services. The principles and practices involved in the following guidance areas will be considered: introduction and philosophy of guidance; understanding the individual and his needs; essential orientation activities for the student; collecting, recording, and evaluating data; interviewing and counseling; guidance through group activities; placement and follow-up activities; organization and evaluation of guidance. The emphasis of the course will be placed upon the role of the classroom teacher in the guidance program.

Note: This course or its equivalent is a prerequisite of all advanced courses in guidance.

Paul J. McCarron — Wednesday, 4:30-7:15 p.m. beginning January 27, 1965

S813 Modern Trends and Techniques in Early Childhood Education 3 sem. hrs.

Through media which include group discussions and committee reports on assigned readings and projects, class members will study and evaluate curriculum trends in Early Childhood Education. Suggested applications will be given. Emphasis will be focused on unit activities for younger children, whether in Nursery School or in Kindergarten. Parents and community contacts, research in music and art, and individual problems will be stressed.

Elizabeth A. Mahan — Wednesday, 4:30-7:15 p.m. beginning January 27, 1965

S832 The New Nation: The United States 1776 to 1830 3 sem. hrs.

The formation of our federal system and the transition from colonial status to nationhood will be studied in this class. Emphasis will be on economic and social conditions. Topics included are: the Hamiltonian system, Jeffersonian democracy, neutral rights, the War of 1812, Nationalism to Sectionalism, and the rise of Andrew Jackson.

Farncis G. Walett — Wednesday, 4:30-7:15 p.m. beginning January 27, 1965

S834 The Social Sciences and Society's Problems 3 sem. hrs.

This course will examine the contributions of the Social Sciences to the solution of as many of these problems as time permits: The Challenge of the Space Age; The Social Effects of Radio-TV; Whither Suburbia?; Will Regionalism Win the Cold War?; The New Nations and the United Nations; How Much Integration? How Soon?; The Railroad, the Truck, and the Plane; The Expanding Rule of Automation; Democracy Under Pressure; The Future of Federal-State Relations. By the media of lecture-discussions and student group reports, students in this class will appraise realistically the direction and degree of social change and progress.

Francis L. Jones — Wednesday, 4:30-7:15 p.m. beginning January 27, 1965

S845 Insights Into Modern Mathematics, Sequence II 3 sem. hrs.

This course, a continuation of F-845, is designed to serve the needs of teachers of secondary mathematics. Prerequisite credits are either credit in F-845, Sequence I, or the equivalency as determined by the professor. The content will be directed to the task of providing an understanding and mastery of recent developments in mathematics. Some of the topics to be presented are: mathematical induction; decimal expansions; isomorphic systems; operating with sets; and several others as time permits.

Thomas Todd — Wednesday, 4:30-7:15 p.m. beginning January 27, 1965

S860 Principles of Coaching 3 sem. hrs.

Students in this course will deal with principles, techniques, and psychology of coaching. Teaching techniques involved in competitive athletics at the elementary, junior high, and senior high school levels and basic principles of teaching sports fundamentals will be emphasized. The athletic programs and patterns of coaching of specific sports on various grade levels will be studied, demonstrated, and evaluated in terms of the needs and interests of the students.

Francis T. Dyson — Wednesday, 4:30-7:15 p.m. beginning January 27, 1965

S901 Philosophical Foundations of Education, Part II, Section B

3 sem. hrs.

This course makes application of the philosophical bases of education to recurrent and contemporary educational issues and problems. Each topic is studied from the viewpoint of each of the major philosophical systems and the related educational concepts in order to determine to what extent a synthesis of viewpoint may be achieved.

William K. Masterson — Wednesday, 4:30-7:15 p.m. beginning January 27, 1965

S811 Industrial Arts for Special Class and Elementary School

3 sem. hrs.

This course offers the special class teacher an opportunity to experiment with the various materials necessary for an adequate industrial arts program. The course also offers the elementary school teacher of the regular classroom opportunity to learn new materials and projects for use in unit work and the activity program. A study will be made of planning, equipping, and operating such a program on a limited school budget.

Raymond Leslie — Thursday, 4:30-7:15 p.m. beginning January 28, 1965

S818 The Short Story, A Study of World Emphases 3 sem. hrs.

This course is designed to provide a study of the development of the short story as a literary form, and an analysis of its techniques through a study of examples from the works of world writers. Practice in interpretative analysis and critical evaluation is provided.

Kathryn R. O'Donnell — Thursday, 4:30-7:15 p.m. beginning January 28, 1965

S846 Modern Mathematics for Elementary School Teachers

3 sem. hrs.

This course will develop a working knowledge of the mathematical concepts basic to programs for elementary schools. Selected topics

common to the various programs in modern mathematics will be treated in considerable detail to develop the background materials essential for successful teaching. Some of the topics to be covered are: basic concepts of sets, venn diagrams, arithmetic in bases other than ten, intuitive geometry, inequalities, natural numbers, integers, rational numbers, real numbers, etc.

Paul F. O'Neil — Thursday, 4:30-7:15 p.m. beginning January 28, 1965

S903 Psychological Foundations of Education, Part II, Section B — 3 sem. hrs.

This course is an advanced systematic exposition of various psychological principles related to teaching, with a special emphasis on the application of these principles to specific classroom situations. Readings will be required in the areas of: emotional growth, mental health, motivation, discipline, dynamics of interpersonal relationships, social psychology, and adolescent psychology.

George F. Madaus — Thursday, 4:30-7:15 p.m. beginning January 28, 1965

S906 Research and Evaluation, Section B — 3 sem. hrs.

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid teachers in the preparation and understanding of educational research reports. Points of emphasis will include the nature of research, library techniques and resources, selection and delimitation of problems, documentation, organization and format of a report, appraisal of educational literature, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term paper.

William D. Joyce — Thursday, 4:30-7:15 p.m. Beginning January 28, 1965

S907 Problems in Organization and Administration of Guidance (Guidance II) — 3 sem. hrs.

This course will acquaint potential and in-service teachers in the elementary and secondary schools with the latest vocational guidance information. Analysis and discussion of unusual homeroom, community, group, and individual guidance problems will be stressed. Clinical guidance procedures, testing, and the principles and methods of interviewing will be presented. The course will consist mainly of lectures, discussions, and panel participations. Individual reports and research will be required.

G. Flint Taylor — Thursday, 4:30-7:15 p.m. beginning January 28, 1965

S911 Educational Data Processing — School Administration VII — 3 sem. hrs.

This course is designed as an introduction to punched card data processing, its history and evolution. The course covers in detail the principles of punched card design, forms design, coding, flow

charting, card punch operations, accounting machine operations, and an introduction to functional wiring principles. Among the applications to be covered will be: 1) Student Personnel Accounting: scheduling, attendance, school census, class lists, testing results, bus lists, etc. 2) Business Accounting: payrolls, inventories, appropriation accounting, and budgets, and 3) Curriculum. Demonstrations will be arranged from time to time to illustrate the various functions.

James W. Dailey — Thursday, 4:30-7:15 p.m. beginning January 28, 1965

COURSE DESCRIPTIONS OF EVENING CLASSES ARE ON THE FOLLOWING PAGES

EVENING CLASSES - 7:00-9:45 p.m.

S800 The Improvement of Instruction — 3 sem. hrs.

In this course, a study will be made of procedures for developing growth and strengths in the teaching of school subjects in the elementary and secondary schools. Practical solutions to everyday problems gained from experience will be shared by class members.

Instructor to be announced — Tuesday, 7:00-9:45 p.m. beginning January 26, 1965

S807 Supervision in Today's Schools, Section A — 3 sem. hrs.

This course is designed as an introductory course in supervision for teachers, school administrators, and supervisors at both the elementary and secondary school levels. Significant topics included in the course are: concepts of supervision; principles of supervision; organization for supervision; group process; techniques of supervision; and the evaluation and improvement of instruction, curriculum, and the supervisory program. Opportunity will be provided for concentrated study and application of the materials of the course to elementary, secondary, or special subject work. This course, or its equivalent, is prerequisite for all advanced courses in supervision.

Elizabeth V. Foster — Tuesday, 7:00-9:45 p.m. beginning January 26, 1965

S830 History and Literature of Music 3 sem. hrs.

This course is designed to encourage recognition of a deeper meaning and greater enjoyment of music through understanding. It is directed toward those who have had a minimum of or no formal training in music but who wish to broaden their background in this area. The course is an historical survey of music and its role in civilization from the Renaissance to the present day with particular emphasis on the nineteenth and twentieth centuries. Although not a methods course, the material should be useful professionally to both prospective and in-service teachers.

Thomas H. Carpenter — Tuesday, 7:00-9:45 p.m.
beginning January 26, 1965

S850 Space Science for Elementary Teachers 3 sem. hrs.

The interrelated subject matter of such sciences as astronomy, geology, physics, chemistry, and biology will be studied in order that all may understand the principles and theories of the physical sciences that make possible man's travel into space. Such topics as the composition of the earth, the physical laws of space (laws of Kepler, Newton, and others), rocket propulsion, space navigation, and human survival will be considered. Although S-850 is structured principally for teachers in the elementary grades, registration is open to others, with the consent of the instructor.

Harold L. Chapman — Tuesday, 7:00-9:45 p.m.
beginning January 26, 1965

S903 Psychological Foundations of Education, Part II, Section A 3 sem. hrs.

This course is an advanced systematic exposition of various psychological principles related to teaching, with a special emphasis on the application of these principles to specific classroom situations. Readings will be required in the areas of: emotional growth, mental health, motivation, discipline, dynamics of interpersonal relationships, social psychology, and adolescent psychology.

Joseph A. Shea — Tuesday, 7:00-9:45 p.m.
beginning January 26, 1965

S815 Curriculum Development and Organization 3 sem. hrs.

This course is planned to provide basic preparation for specialized study in the fields of school curriculum, organization, and development. General consideration will be given to the determination of educational direction, the choice of principles and procedures, the basic issues, the patterns of curriculum organization, the method of revision and evaluation, and the role of the teacher in curriculum development. The subject, activity, and core curricula will be identified and analyzed. The curriculum guide and curriculum planning will be discussed. Individual projects and group dynamic process on either the elementary or secondary level will supplement lectures and class discussions.

Vera M. Dowden — Thursday, 7:00-9:45 p.m.
beginning January 28, 1965

S816 Literary Criticism 3 sem. hrs.

The aim of this course is to broaden and deepen the student's general cultural perspective by a study of five books which have profoundly influenced present civilization. The actual choice may stem from the student's choice of: *The Bible;* Homer's *Odyssey*: Plato's *Republic;* Shakespeare's *Hamlet;* Rousseau's *Confession*: Goethe's *Faust;* Tolstoy's *War and Peace;* Dewey's *The School and Society.*

Paul J. Edmonds — Thursday, 7:00-9:45 p.m. beginning January 28, 1965

S828 The Geography of the Soviet Union 3 sem. hrs.

A comprehensive survey of our neighbor across the Arctic Ocean will be initiated by students in this geography class. This nation, which has grown from a backward tsardom to a major world power in the last fifty years, deserves fuller attention from American students than has been the case. A detailed study of the physical assets and liabilities of the Soviet Union, an analysis of the development through communism into the modern state we know, and some indication of the future potential of the Soviet Union will be included. Limitations of available data will be discussed and available references in English will be made known, including current publications translating into English Soviet publications.

Loren N. Gould — Thursday, 7:00-9:45 p.m. beginning January 28, 1965

S900 Philosophical Foundations of Education, Part I, Section B

3 sem. hrs.

This course is an historical approach to the study of educational thought and includes an examination of primary educational concepts which have evolved through western thought to the present day. Selections from the great documents in educational thought are studied in relation to the historical period in which they were produced. The student is expected to read and analyze the original contributions of the major educational philosophers.

Robert W. Goss — Thursday, 7:00-9:45 p.m. beginning January 28, 1965

REGISTRATION BLANK

Registration blanks should be forwarded immediately, accompanied by a check or money order payable to the State College at Worcester. No class places will be reserved without the accompanying $2.50 registration fee.

Clip and mail to:

MR. CORNELIUS S. DONOGHUE, *Director*
Program of Continuing Studies
State College at Worcester
Worcester, Massachusetts

or

MR. JOHN F. EAGER, *Associate Director*
Program of Continuing Studies
State College at Worcester
Worcester, Massachusetts

COURSE **CREDITS (check**

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Name .....

Street .....

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Veteran? .....